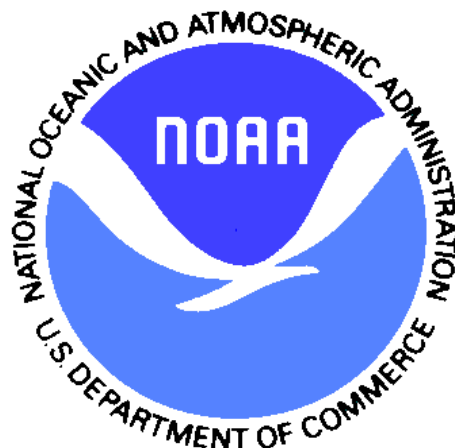**CAMS Project**

NOAA/CAMS CFS Implementation Conversion Document Status Control Report (CDSCR) (FINAL)

Version 2.0

Prepared by Accenture for

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National Oceanic and Atmospheric Administration
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Document Control

Change Record

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12/19/2002	K. Stockmeier	1.0	Draft
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Reviewer

Name	Position	Date
M. Barron	Manager	01/07/2002
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Approver

Name	Position	Date
W. Holdsworth	Team Lead	01/11/2002

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1   Introduction and Purpose

The Conversion Document Status Control Report (CDSCR) is an automated accounts payable open document conversion reporting tool based on the current FIMA Document Status Control Report (DSCR). Conversion participants can use the CDSCR to compare FIMA-CFS converted data against existing FIMA data in the DSCR. This report enables users to validate open document conversion source information and to track the status of converted FIMA documents in CFS.

The purpose of this document is to record the detailed design for the CDSCR.

1.1   Business Need
The CDSCR provides a mechanism for conversion participants to compare FIMA-CFS conversion information with existing FIMA document information. The intended audience for this report includes, but is not limited to, the CAMS Design & Conversion (CD&C) Team, the Financial Reporting Division (FRD), the Accounting Operations Division (AOD), Administrative Service Centers (ASC's), and Line Offices (LO's).

1.2   Frequency
This report can be executed at any time after the conversion setup for the automated accounts payable open document conversion has been completed.

1.3   Report Type
The CDSCR provides document and document detail information for FIMA accounts payable open documents within set parameters. It includes subtotals by FIMA Document Number, Document Type, Fiscal Year, and Fund/Appropriation.

1.4   Responsibility for Execution
The CD&C Team will be responsible for executing this report. [Additional user interfaces and controls can be established if time and resources permit.]

1.5   Audience
The report audience includes the CD&C Team, FRD, AOD, ASC's, and LO's.

2   Report Parameters

2.1   Parameter Definition

The Conversion Document Status Control Report selects its data from the **CONVERT ACTDOC (CONV_ACTDOC)** and **CONVERT ACTDOC ACCOUNT (CONV_ACTDOC_ACCOUNT)** tables.

Table 1 contains possible parameters for the CDSCR. The Field Name column identifies the report parameter. The Field Description column provides additional information on the parameter. The Default Value column identifies the proposed default value for the parameter. The Valid Values column identifies the valid values for the parameter. And the Valid Values Source column identifies the source for the valid values for the parameter.

Table 1. Open Document Conversion Report Definition				
Field Name	**Field Description**	**Default Value**	**Valid Values**	**Valid Values Source**
Line/Staff Office	Select the Line/Staff Office for which the report is to be run.	ALL	Distinct list of Org1 Codes on the **CONV_ACTDOC_ACCOUNT** table.	**CONV_ACTDOC_ACCOUNT. Org1_Code**
Terminal Code	Select the Terminal Code for which the report is to be run.	ALL	Distinct list of Terminal Codes on the **CONV_ACTDOC_ACCOUNT** table.	**CONV_ACTDOC_ACCOUNT. Terminal_Code**
Financial Management Center	Select the Financial Management Center for which the report is to be run.	None - the user must select a distinct FMC.	Distinct list of Financial_Management_Ctr codes on the **CONV_ACTDOC_ACCOUNT** table.	**CONV_ACTDOC_ACCOUNT. Org2_Code**.

Table 1. Open Document Conversion Report Definition				
Field Name	**Field Description**	**Default Value**	**Valid Values**	**Valid Values Source**
Organization Code	Select the Organization Code for which the report is to be run.	ALL	Distinct list of Organization_ Code values on the **CONV_ACTD OC_ACCOUN T** table.	**CONV_ACTDO C_ACCOUNT. Organization_ Code**
Converted Status	Status of document being converted from FIMA to CFS.	Converted	Converted, Not Converted, ALL	**CONV_ACTDO C.Conversion_ Status_Flag**
From Date Converted	Select the beginning Conversion Date for which the report is to be run.	Null	Any valid date	None
To Date Converted	Select the ending Conversion Date for which the report is to be run.	Null	Any valid date greater than or equal to the From Date Converted value.	None

2.2   Parameter Layout
Currently, there are no plans to build a graphical user interface (GUI) parameter screen or a character-based parameter screen. The report will be executed from a SQL prompt.

3   Report Processing

3.1   Description of Data Elements
Table 2 lists the report header data elements which appear on the Conversion DSCR hardcopy report. The Data Element column identifies the report header data element. The Data Element Description column provides a description of the header data element. The Data Type column identifies the data type for the

header data element. The Data Source column identifies the source for the header data element.

Table 2. Conversion DSCR Header Data Elements			
Data Element	**Data Element Description**	**Data Type**	**Data Source**
Report Run Date	The date the report was run.	DATE, format DD-MON-YYYY	System Date
Commerce Administrative Management System (Text)	Text field.	VARCHAR2(41)	Hard-Coded
Report ID	ID of the CDSCR.	VARCHAR2(6)	Hard-Coded
National Oceanic and Atmospheric Association (Text)	Text Field.	VARCHAR2(45)	Hard-Coded
Page	Indicates the page number of the report.	VARCHAR2(3)	Sequential page number with the cover page being page 1.
Instance	The instance that the report is being run in.	VARCHAR2(10)	Hard-Coded
Conversion Document Status Control Report	Report Title.	VARCHAR2(50)	Hard-Coded
FMC	The Financial Management Center that the report is being run for.	VARCHAR2(3)	FMC parameter entered by a user.
LO	The Line Office that the report is being run for.	VARCHAR2(3)	LO parameter entered by a user.

Table 3 lists the report data elements to be included in the Conversion DSCR.

Table 3. Conversion DSCR Report Data Elements			
Data Element	**Data Element Description**	**Data Type**	**Data Source**
Line/Staff Office	The Line/Staff Office name for which the report is run.	VARCHAR2(3)	Line/Staff Office Parameter.
Terminal Code	The Terminal Code for which the report is run.	NUMBER(2)	Terminal Code Parameter. Note that the user may specify "ALL" for any one of the Terminal Codes. If the user chooses "ALL" then the report displays "ALL" rather than each valid Terminal Code.
Financial Management Center	The Financial Management Center for which the report is run.	NUMBER(3)	Financial Management Center Parameter. Note that the user may specify "ALL" at any one of the Financial Management Center levels. If the user chooses "ALL" then the report displays "ALL" rather than each valid Financial Management Center.

Table 3. Conversion DSCR Report Data Elements			
Data Element	**Data Element Description**	**Data Type**	**Data Source**
Organization Code	The Organization Code for which the report is run.	VARCHAR2(6)	Organization Code Parameter. Note that the user may specify "ALL" for any one of the Organization Codes. If the user chooses "ALL" then the report displays "ALL" rather than each valid Organization Code.
From Date Converted	The beginning date converted for which the report is run.	DATE	From Date Converted Parameter. Note that the user may specify "ALL" for the From Date Converted parameter. If the user chooses "ALL" then the report displays "ALL" rather than each valid Date Converted.

Table 3. Conversion DSCR Report Data Elements			
Data Element	**Data Element Description**	**Data Type**	**Data Source**
To Date Converted	The ending date converted for which the report is run.	DATE	To Date Converted Parameter. Note that the user may specify "ALL" for the To Date Converted parameter. If the user chooses "ALL" then the report displays "ALL" rather than each valid Date Converted.
Fund/ Appropriation	The fund/appropriation that corresponds with the document being displayed.	NUMBER(1)	**CONV_ACTDOC_ ACCOUNT. Appropriation**
Fiscal Year	The fiscal year that corresponds with the document being displayed.	NUMBER(4)	**CONV_ACTDOC_ ACCOUNT. Fiscal_Year**
Document Type	The document type that corresponds with the document being displayed.	VARCHAR2(2)	**CONV_ACTDOC. Document_Type**
Document Number	The unique document number of the document being displayed.	VARCHAR2(9)	**CONV_ACTDOC. Document_Numb er**
Task Number	The FIMA task code for the document being displayed.	VARCHAR2(6)	**CONV_ACTDOC_ ACCOUNT. Task_Number**

Table 3. Conversion DSCR Report Data Elements			
Data Element	**Data Element Description**	**Data Type**	**Data Source**
Object Class	The FIMA object class for the document being displayed.	Object1_code (major class): NUMBER(2) Object2_code (minor class): NUMBER(2)	**CONV_ACTDOC_ ACCOUNT. Major_Object_Cla ss||CONV_ACTDO C_ACCOUNT. Minor_Object_Cla ss**
CFS Document Number	The CFS Purchase Order Document Number of the converted document. This will only be applicable to 2-Way match documents.	NUMBER(8)	**CONV_ACTDOC.C FS_Document_No**
CFS EA Control ID	The CFS Estimated Accrual Document Number of the converted document. This will be applicable to No-Match documents as well as 2-Way match documents that have an associated Estimated Accrual.	NUMBER	**CONV_ACTDOC.C FS_EA_Control_I d**

Table 3. Conversion DSCR Report Data Elements			
Data Element	**Data Element Description**	**Data Type**	**Data Source**
CFS ACCS	Concatenate the entire CFS ACCS.	NUMBER(2) NUMBER(2) VARCHAR2(2) VARCHAR2(2) VARCHAR2(4) NUMBER(2) NUMBER(2) NUMBER(2) NUMBER(2) NUMBER(2) NUMBER(2) NUMBER(2) NUMBER(3) VARCHAR2(7) VARCHAR2(3) NUMBER(2) NUMBER(2) NUMBER(2) NUMBER(2)	The following fields are on **CONV_ACTDOC_ ACCOUNT**: **Bureau_code Fund_code Org1_code Org2_code Org3_code Org4_code Org5_code Org6_code Org7_code Program1_code Program2_code Program3_code Program4_code Project_code Task_code Object1_code Object2_code Object3_code Object4_code**
Undelivered Orders	Contains the combined sum of the Undelivered Orders column for all the open lines in a document copied from FIMA.	NUMBER(13,2)	**CONV_ACTDOC. FIMA_UDO_Docu ment_Total**
Unpaid Accrued Expenditures	Contains the combined sum of the Unpaid Accrued Expenditures column for all the open lines copied in a document copied from FIMA.	NUMBER(13,2)	**CONV_ACTDOC. FIMA_UAE_Docu ment_Total**

Table 3. Conversion DSCR Report Data Elements			
Data Element	**Data Element Description**	**Data Type**	**Data Source**
Document Total	A sum of all the undelivered orders (UDO) and unpaid accrued expenditures (UAE) for each document number.	NUMBER(10)	Subtotals on **Document_Number** for **Undelivered_Orders** and **Unpaid_Accrued_Expenditures** fields
Document Type Total	A sum of all the UDO and UAE expenditures for each document type.	NUMBER(10)	Subtotals on **Document_Type** for **Undelivered_Orders** and **Unpaid_Accrued_Expenditures** fields
Fiscal Year Total	A sum of all the UDO and UAE expenditures for each fiscal year.	NUMBER(10)	Subtotal on **Fiscal_Year** for **Undelivered_Orders** and **Unpaid_Accrued_Expenditures** fields
Fund/ Appropriation Total	A sum of all the UDO and UAE expenditures for each fund/appropriation.	NUMBER(10)	Subtotal on **Appropriation** for **Undelivered_Orders** and **Unpaid_Accrued_Expenditures** fields

Table 3. Conversion DSCR Report Data Elements			
Data Element	**Data Element Description**	**Data Type**	**Data Source**
Report Total	A sum of all the UDO and UAE expenditures on report.	NUMBER(10)	Total on report for **Undelivered_Orders** and **Unpaid_Accrued_Expenditures** fields

3.2   Logic Flow

The parameters are passed into the main query of the report. The report output is based on SQLPlus report formatting commands.

3.3   Report Output

The Conversion DSCR parameters and source information produce a single report.

If no data is found for the given parameters, the report output indicates that no data existed for the input parameters.

3.3.1   Report Layout

When the Conversion DSCR is run, the results displayed will be based on the input parameters. The report displays a standard cover page and header. All header titles and data are capitalized. The cover page contains all parameters selected for the report generated, Report Run Date, User ID, Report ID, the Instance the report was run in, the Report Name, and the number of pages.

The header, which will appear on all pages of the report, reflects that the report was executed for CAMS, and specifies the Commerce bureau for which the report was executed. Also, the header of the report displays the title of the report itself, as well as a Report Run Date, the Instance where the report was run, the Report ID, and a Page Number. All column headers are left-justified and underscored. At least one space exists between column headings and data.

Appendix A provides a layout of the Conversion DSCR and cover page.

3.3.2 Formatting Rules

3.3.2.1 Header Information

Report Run Date, CAMS, User ID, Report ID, Bureau Name, Page, Instance, Conversion Document Status Control Report, Financial Management Center, and Line Office.

3.3.2.2 Column Headers

There are eight consistent column headings that will display at the top of each CDSCR: Fund/Appropriation, Fiscal Year, Document Type, Document Number, Task Number, Object Class, CFS Document Number, CFS EA Control ID, CFS ACCS, Undelivered Orders, Unpaid Accrued Expenditures.

3.3.2.3 *Footer Information*

There will be no footer on this report.

3.3.2.4 Breaks

The report breaks include:
- ‣ Report (i.e. overall report totals)
- ‣ Fund/Appropriation
- ‣ Fiscal Year
- ‣ Document Type
- ‣ Document Number

Subtotals appear at each of these break points.

3.3.2.5 Totals

The following subtotals/totals appear in the report as indicated by the breaks in the previous section.

- ‣ Document subtotals
- ‣ Document Type subtotals
- ‣ Fiscal Year subtotals
- ‣ Fund/Appropriation subtotals
- ‣ Report Totals

3.3.2.6 Sort

The report will be sorted by Fund/Appropriation, Fiscal Year, Document Type, Document Number, Task Number, Phase Number.

3.3.2.7 Validation Rules

No validations will be performed on the reporting data.

3.3.3 Log Files

In addition to the report, a log file is generated each time the report is run. This log file reflects the time the report started and completed and whether or not it ran successfully. If no report data is found, both the log file and the report is generated reflecting that no data existed for the parameters entered.

4 Report Execution and Distribution

4.1 Execution Restrictions and Dependencies

As currently designed, only CD&C Team members will be able to run this report. In order for this report to execute, the **Conversion ACTDOC** tables must be in place.

4.2 Error Handling and Restart Procedures

No error handling or restart procedures have been defined for this report apart from error handling previously noted in this document.

4.3 Report Printing and Distribution

After the report is run, the users of this report are able to print the Conversion DSCR to either a local or network printer.

5 Overall Risks

No risks have been identified relating for this report.

6 Overall Issues

- ► Find out more about the document balance report created by NOAA and taken over by the CSC. What are the outstanding issues related to this report and could it be helpful in building reports for conversion reconciliation (Pat O'Connor brought up this report)?
  Issue Owner: CAMS Design & Conversion Team

7   <u>Assumptions</u>

- ▸   This report is an automated accounts payable open document reporting tool. It is not being developed for any other purpose.

- ▸   The Line/Staff Office is populated in the Org1_Code field in CFS.

- ▸   The Financial Management Center is populated in the Org2_Code field in CFS.

8   <u>References</u>

The information discussed in this document was compiled by reviewing available FIMA and CFS documentation.

The following documents were used as reference materials in compiling this document:

Table 4. Document References
NOAA CAMS - Detailed Design Specification, NOA118- Funding Status Report
Copies of the Document Status Control Report

Appendix A

```
              LINE/STAFF OFFICE:  XX
                 TERMINAL CODE:  XXX
   FINANCIAL MANAGEMENT CENTER:  XXX
             ORGANIZATION CODE:  XXXXXX
              CONVERTED STATUS:  XXXXXXXXXXXXX
            FROM DATE CONVERTED:  XX/XX/XXXX
              TO DATE CONVERTED:  XX/XX/XXXX
```

Conversion Document Status Control Report (CDSCR)　　　　　　　**Version 2.1**

FUND/ APPROPRIATION	FISCAL YEAR	DOCUMENT TYPE	DOCUMENT NUMBER	TASK NUMBER	OBJECT CLASS	CFS DOCUMENT NUMBER	CFS EA CONTROL ID	CFS ACCS	UNDELIVERED ORDERS	UNPAID ACCRUED EXPENDITURES

DOCUMENT TOTAL:

DOCUMENT TYPE TOTAL:

FISCAL YEAR TOTAL:

FUND/APPROPPRIATION TOTAL:

REPORT TOTAL:

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